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1 pound lead acetate.  
 1 pound mercuric chloride.  
 1 pound manganese sulphate.  
 1 pound phenol.  
 1 pound potassium permanganate.  
 1 pound potassium iodide.  
 5 pounds potassium hydroxide.  
 1 ounce potassium sulphocyanide.  
 1 pound silver nitrate.  
 1 ounce silver nitrite.  
 1 pound sodium thiosulphate.  
 1 pound sodium carbonate.  
 1 pound sodium chloride.  
 Stains and indicators.  
 1 ounce methyl orange.  
 1 ounce phenolphthalein.  
 1 ounce erythrosine.  
 1 ounce fuchsin.  
 1 ounce methylene blue.  
 1 ounce Bismarck brown.  
 4 ounces Wright differential blood stain.  
 1 pound starch (potato).  
 4 ounces sulphanilic acid.

## MISCELLANEOUS.

5 grams No. 18 platinum wire.  
 1 platinum evaporating dish.  
 4 Bunsen burners.  
 4 ring stands  
 5 pounds rubber tubing.  
 5 pounds cotton batting.  
 6 wire baskets for tubes.  
 Assortment enameled iron dishes and pans.  
 4 special milk-collecting baskets to order.  
 Printed forms, etc.  
 1 dozen box labels.  
 Other small articles.

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**PLAGUE-ERADICATIVE WORK.**
**CALIFORNIA.**

The following report of plague-eradication work in California for the week ended September 5, 1914, has been received from Surg. Long, of the United States Public Health Service, in charge of the work:

## SAN FRANCISCO, CAL.

Premises inspected.....	1,656	Poisons placed.....	25,000
Premises destroyed.....	26	Average number of traps set daily.....	1,734
Nuisances abated.....	219		

## RATS COLLECTED AND EXAMINED FOR PLAGUE.

Collected.....	493	Found infected.....	None.
Examined.....	358		

## RATS IDENTIFIED.

Mus norvegicus.....	272	Mus alexandrinus.....	77
Mus musculus.....	66	Mus rattus.....	78

## RATS TAKEN FROM STEAMERS (NOT INCLUDED IN ABOVE).

Steamer <i>City of Para</i> :			
Mus alexandrinus.....	14	Mus rattus.....	10

## PORT COSTA, CAL.

Rats trapped in warehouses.....	44	Rats trapped in sugar refinery.....	5
Rats trapped on water front.....	7	Poisons placed on water front.....	6,800

## RATS IDENTIFIED.

Mus norvegicus.....	12	Mus alexandrinus.....	14
Mus rattus.....	15	Mus musculus.....	2

*Record of plague infection.*

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
<b>Cities:</b>				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	None.....	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	.....do.....	126 rats.
Berkeley.....	Aug. 28, 1907	None.....	.....do.....	None.
Los Angeles.....	Aug. 11, 1908	.....do.....	Aug. 21, 1908	1 squirrel.
<b>Counties:</b>				
Alameda (exclusive of Oakland and Berkeley).....	Sept. 24, 1909	Oct. 17, 1909, wood rat.	Aug. 7, 1914	286 squirrels, 1 wood rat.
Contra Costa.....	May 17, 1914	None.....	Aug. 17, 1914	1,562 squirrels.
Fresno.....	None.....	.....do.....	Oct. 27, 1911	1 squirrel.
Merced.....	.....do.....	.....do.....	July 12, 1911	5 squirrels.
Monterey.....	.....do.....	.....do.....	Apr. 10, 1914	6 squirrels.
San Benito.....	June 4, 1913	.....do.....	July 3, 1914	35 squirrels.
San Joaquin.....	Sept. 18, 1911	.....do.....	Aug. 26, 1911	18 squirrels.
San Luis Obispo.....	None.....	.....do.....	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Aug. 31, 1910	.....do.....	July 23, 1913	25 squirrels.
Santa Cruz.....	None.....	.....do.....	May 17, 1910	3 squirrels.
Stanislaus.....	.....do.....	.....do.....	June 2, 1911	13 squirrels.

## PLAQUE-INFECTED SQUIRREL.

Contra Costa County, Aug. 17, 1914, Moraga Co. land, Moraga, sec. 13, T. 1 S., R. 3 W., 1 squirrel.

*Squirrels collected and examined for plague.*

County.	Shot.	Examined.	Found infected.
Contra Costa.....	444	444	1
San Benito.....	85	85	None.
Santa Clara.....	26	26	None.
Alameda.....	121	121	None.
Total.....	679	679	1

*Ranches inspected and hunted over.*

Alameda County.....	17
Contra Costa County.....	49
San Benito County.....	10
Santa Clara County.....	4
Total.....	80

*Operations on water front.*

Vessels inspected for rat guards.....	23
Reinspections made on vessels.....	31
New rat guards procured.....	20
Defective rat guards repaired.....	21
Vessels on which cargo was inspected.....	4

Amount and description of cargo inspected.	Condition.	Rat evidence.
Steamers Enterprise and Matsonia from Hilo:		
150 sacks coffee and vegetables.....	O. K.....	None.
220 bundles hides and empty cement sacks.....	O. K.....	None.
20 cases merchandise and household goods.....	O. K.....	None.
Steamers Admiral Farragut and Congress from Seattle:		
170 sacks flour and bran.....	O. K.....	None.
60 bundles empty cement sacks and rubber tires.....	O. K.....	None.
60 cases merchandise and household goods.....	O. K.....	None.
4 crates household goods.....	O. K.....	None.

Rats trapped on wharves and water front...	16	Poisons placed on vessels (pieces).....	0
Rats trapped on vessels.....	11	Poisons placed within P. P. I. E. grounds	
Traps set on wharves and water front.....	210	(pieces).....	0
Traps set on vessels.....	118	Bait used on water front and vessels, bacon	
Vessels trapped on.....	14	(pounds).....	6
Vessels searched for dead rats after fumiga-		Amount of bread used in poisoning water	
tion.....	3	front (loaves).....	31
Dead rats found on vessels after fumigation..	24	Poison used on water front (pounds).....	15
Poisons placed on water front (pieces).....	9,400		

Operations are being carried on under Federal supervision on the following-named properties, labor and material being furnished by owners:

*Poisoned grain and destructors.*

Names.	Location.	Acres treated.		Holes treated.
		Pumps.	Grain.	
Moraga Co.....	Contra Costa County.....		1,799.95	
Hooper Co.....	do.....		1,171.72	
Peoples Water Co.....	do.....		2,000.00	
Brookwood Acres.....	do.....		400.00	
A. Teixeira Ranch.....	Alameda County.....		130.00	
Planada Development Co.....	Merced County.....		1,660.00	
Morse Realty Co.....	do.....		120.00	
California Pacific Title & Insurance Co.....	do.....		60.00	
Southern Pacific right of way <sup>1</sup> .....	do.....	Miles. 7	Miles. 7	2,107

<sup>1</sup> Seven miles inspected.

The work is being carried on in the following-named counties: San Francisco, Santa Clara, Alameda, Contra Costa, San Joaquin, Merced, Stanislaus, San Benito, Santa Cruz, and Monterey.

The following report of plague-eradivative work in New Orleans for the week ended September 12, 1914, has been received from Asst. Surg. Gen. Rucker, of the United States Public Health Service, in charge of the work:

Vessels fumigated with sulphur .....	48
Vessels fumigated with carbon monoxide ..	11
Sulphur burned (pounds) .....	10,089
Coke consumed in carbon monoxide fumi- gation (pounds) .....	32,888
Outgoing freight inspected (tons) .....	25,291
Total packages freight inspected .....	202,986
Clean bills of health issued .....	31
Foul bills of health issued .....	1

Cars inspected.....	3,169
Cars rat-proofed.....	1,681
Cars condemned.....	7

Alabama.....	101
Arizona.....	1
Arkansas.....	41
California.....	14
Colorado.....	15
Connecticut.....	1
Florida.....	24
Georgia.....	40
Idaho.....	2
Illinois.....	433
Indiana.....	20
Iowa.....	10
Kansas.....	7
Kentucky.....	37
Louisiana.....	1,144
Massachusetts.....	1
Michigan.....	15
Minnesota.....	4
Mississippi.....	530
Missouri.....	58
Nebraska.....	5
New Jersey.....	4

New York.....	9
North Carolina.....	7
North Dakota.....	2
Ohio.....	35
Pennsylvania.....	13
Rhode Island.....	3
South Carolina.....	4
South Dakota.....	7
Tennessee.....	85
Texas.....	167
Utah.....	1
Washington.....	6
West Virginia.....	4
Wisconsin.....	6
Canada.....	7

Rats trapped.....	7,724
Premises fumigated.....	4
Premises disinfected.....	118
Premises inspected.....	5,591
Poisons placed.....	296,953
Notices served.....	2,790
Buildings rat-proofed during week ending Sept. 12.....	389
Buildings rat-proofed to date.....	677
Abatements week ending Sept. 12.....	1,151
Abatements to date.....	5,213
Dead inspected.....	116

Rats examined.....	4,325
Mus norvegicus.....	4,182
Mus alexandrinus.....	91
Mus rattus.....	50
Mus musculus.....	2,679
Unclassified, putrid.....	209
Total rodents received at laboratory.....	7,789
Number of suspicious rats.....	11
Plague rats confirmed.....	4

*Plague rats.*

Case No.	Address.	Captured.	Diagnosis confirmed.	Treatment of premises.
89	1513 Baronne Street.....	Sept. 7	Sept. 7	Disinfected; rat-proofing initiated;
90	Found dead in street, corner Poydras and Dryades.	Sept. 8	Sept. 8	intensive trapping and poisoning.
91	1503 Dryades Street.....	Sept. 2	Sept. 10	Intensive trapping and poisoning.
92	Found dead in street, corner South Rampart and Common.	Sept. 11	Sept. 11	Disinfected; rat-proofing initiated; intensive trapping and poisoning.
				Do.

Summary.

Suspicious human cases examined.....	1
Number of human plague cases.....	0
Necropsy.....	1
Total rodents captured to Sept. 12.....	79,543
Total rodents examined to Sept. 12.....	68,595
Rodent cases to Sept. 12:	
Mus rattus.....	5
Mus alexandrinus.....	3
Mus norvegicus.....	84
Total rodent cases to Sept. 12.....	92

HAWAII—HONOLULU.

The following report of plague-eradivative work in Honolulu for the week ended August 29, 1914, has been received from Surg. Trotter, of the United States Public Health Service:

Total rats and mongoose taken.....	438	Classification of rats killed by sulphur dioxide:	
Rats trapped.....	425	Mus rattus.....	1
Mongoose trapped.....	12	Average number of traps set daily.....	1,085
Rats found dead.....	0	Cost per rat destroyed.....cents..	19
Rats killed by sulphur dioxide.....	1	Last case rat plague, Aiea, 9 miles from Honolulu, Apr. 12, 1910.	
Examined microscopically.....	346	Last case human plague, Honolulu, July 12, 1910.	
Under examination.....	0	Last case rat plague, Pacific mill, Kukuiahaele, Hawaii, Jan. 30, 1914.	
Showing plague infection.....	0	Last case human plague, Paauhau Landing, Hawaii, Aug. 17, 1914.	
Classification of rats trapped:			
Mus alexandrinus.....	172		
Mus norvegicus.....	73		
Mus musculus.....	171		
Mus rattus.....	9		

PORTO RICO.

The following is a summary of reports of plague-eradivative work in Porto Rico for the two weeks ended September 11, 1914, received from the sanitary service of Porto Rico:

Rodents examined for plague infection.

	Rats.	Mice.	Mon-goose.
San Juan.....	115	60	.....
Puerta de Tierra.....	53	6	1
Santurce.....	575	39	.....
Rio Piedras.....	5	.....	.....
Arecibo.....	44	2	.....
Total.....	792	107	1